

P24527.P01

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	P24527	Total Pages
Inventor(s) or Application Identifier	Se Wan KIM and Chan Hee HONG	
Title:	MOBILE ROBOT USING IMAGE SENSOR AND METHOD FOR MEASURING MOVING DISTANCE	

ADDRESS TO:

Commissioner for Patents
Mail Stop Patent Application
PO Box 1450
Alexandria, VA 22313-1450

U.S. PTO
10/697282
031088



APPLICATION ELEMENTS		ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)		9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		a. <input type="checkbox"/> Small Entity Statement(s)
3. <input checked="" type="checkbox"/> Specification [Total Pages <u>14</u>] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure		b. <input type="checkbox"/> Computer Readable Form (CRF) c. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper d. <input type="checkbox"/> Statements verifying identity of above copies
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>3</u>]		10. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>3</u>] a. <input checked="" type="checkbox"/> Newly executed (original or copy) <input type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 20 completed) <u>[Note Box 6 below]</u>		11. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney 12. <input type="checkbox"/> English Translation Document (if applicable)
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		14. <input type="checkbox"/> Preliminary Amendment
7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)		16. <input checked="" type="checkbox"/> Figure of Drawing to be published <u>5</u> 17. <input checked="" type="checkbox"/> Foreign priority claimed a. <input checked="" type="checkbox"/> Claim of Priority b. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)
		18. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b) (2), (B) (i). Applicant must attach form PTO/SB/35 or its equivalent.
		19. <input checked="" type="checkbox"/> Assignee: <u>LG Electronics Inc. Seoul, Republic of Korea</u>
		20. <input type="checkbox"/> Other: _____ _____ _____ _____

21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 C.F.R. 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior Application No. /, filed _____.
Prior application information: Examiner: _____ Group Art Unit: _____

Address all future correspondence to **Customer No. 7055** at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.
 1950 Roland Clarke Place
 Reston, VA 20191
 (703) 716-1191

10/31/03

Date


Bruce H. Bernstein, Reg. No. 29,027
33,329
 Typed or Printed Name

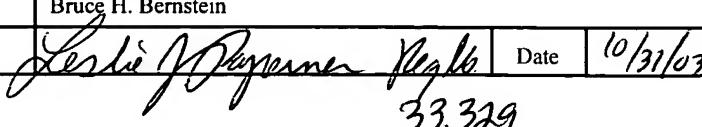
FEE TRANSMITTAL

13281 U.S.P.T.O.
103103

TOTAL AMOUNT OF PAYMENT (\$810.00)

Complete if Known																																																																																																																																																																																																					
Application Number			Not Yet Assigned																																																																																																																																																																																																		
Filing Date			Concurrently Herewith																																																																																																																																																																																																		
First Named Inventor			Se Wan KIM et al.																																																																																																																																																																																																		
Group Art Unit			Unassigned																																																																																																																																																																																																		
Examiner Name			Unassigned																																																																																																																																																																																																		
Attorney Docket Number			P24527																																																																																																																																																																																																		
METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																																	
1. <input checked="" type="checkbox"/> The U.S Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number <u>19-0089</u> Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3)) <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) <input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27.				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Prior to Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for response within 1st month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for response within 2nd month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for response within 3rd month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for response within 4th month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Extension for response within 5th month</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Design issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Plant issue fee</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Submission of IDS</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr> <td colspan="6" style="text-align: right;">SUBTOTAL (3) (\$40.00)</td> </tr> </tbody> </table>		Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for reexamination		1804	920*	1804	920*	Requesting publication of SIR		1805	1,840*	1805	1,840*	Prior to Examiner action		1251	110	2251	55	Requesting publication of SIR after Examiner action		1252	420	2252	210	Extension for response within 1st month		1253	950	2253	475	Extension for response within 2nd month		1254	1,480	2254	740	Extension for response within 3rd month		1255	2,010	2255	1,005	Extension for response within 4th month		1401	330	2401	165	Extension for response within 5th month		1402	330	2402	165	Notice of Appeal		1403	290	2403	145	Filing a brief in support of an appeal		1451	1,510	1451	1,510	Request for oral hearing		1452	110	2452	55	Petition to institute a public use proceeding		1453	1,330	2453	665	Petition to revive unavoidably abandoned application		1501	1,330	2501	665	Petition to revive unintentionally abandoned application		1502	480	2502	240	Utility issue fee (or reissue)		1503	640	2503	320	Design issue fee		1460	130	1460	130	Plant issue fee		1807	50	1807	50	Petitions to the Commissioner		1806	180	1806	180	Petitions related to provisional applications		8021	40	8021	40	Submission of IDS		1809	770	2809	385	Recording each patent assignment per property (times number of properties)	40.00	1810	770	2810	385	Filing a submission after final rejection (37 CFR 1.129(a))		1801	770	2801	385	For each additional invention to be examined (37 CFR 1.129(b))		1802	900	1802	900	Request for Continued Examination (RCE)		Other fee (specify) _____						Other fee (specify) _____						SUBTOTAL (3) (\$40.00)					
Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																																																	
1053	130	1053	130	Non-English specification																																																																																																																																																																																																	
1812	2,520	1812	2,520	For filing a request for reexamination																																																																																																																																																																																																	
1804	920*	1804	920*	Requesting publication of SIR																																																																																																																																																																																																	
1805	1,840*	1805	1,840*	Prior to Examiner action																																																																																																																																																																																																	
1251	110	2251	55	Requesting publication of SIR after Examiner action																																																																																																																																																																																																	
1252	420	2252	210	Extension for response within 1st month																																																																																																																																																																																																	
1253	950	2253	475	Extension for response within 2nd month																																																																																																																																																																																																	
1254	1,480	2254	740	Extension for response within 3rd month																																																																																																																																																																																																	
1255	2,010	2255	1,005	Extension for response within 4th month																																																																																																																																																																																																	
1401	330	2401	165	Extension for response within 5th month																																																																																																																																																																																																	
1402	330	2402	165	Notice of Appeal																																																																																																																																																																																																	
1403	290	2403	145	Filing a brief in support of an appeal																																																																																																																																																																																																	
1451	1,510	1451	1,510	Request for oral hearing																																																																																																																																																																																																	
1452	110	2452	55	Petition to institute a public use proceeding																																																																																																																																																																																																	
1453	1,330	2453	665	Petition to revive unavoidably abandoned application																																																																																																																																																																																																	
1501	1,330	2501	665	Petition to revive unintentionally abandoned application																																																																																																																																																																																																	
1502	480	2502	240	Utility issue fee (or reissue)																																																																																																																																																																																																	
1503	640	2503	320	Design issue fee																																																																																																																																																																																																	
1460	130	1460	130	Plant issue fee																																																																																																																																																																																																	
1807	50	1807	50	Petitions to the Commissioner																																																																																																																																																																																																	
1806	180	1806	180	Petitions related to provisional applications																																																																																																																																																																																																	
8021	40	8021	40	Submission of IDS																																																																																																																																																																																																	
1809	770	2809	385	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																																																
1810	770	2810	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																	
1801	770	2801	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																	
1802	900	1802	900	Request for Continued Examination (RCE)																																																																																																																																																																																																	
Other fee (specify) _____																																																																																																																																																																																																					
Other fee (specify) _____																																																																																																																																																																																																					
SUBTOTAL (3) (\$40.00)																																																																																																																																																																																																					
*Reduced by Basic Filing Fee paid																																																																																																																																																																																																					

SUBMITTED BY

Typed or Printed Name		Bruce H. Bernstein			Complete (if applicable)	
Signature		 33,329			Reg. Number	29,027